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Dear

SUBJECT: Analysis Results for Water Supply at Humboldt Township, Marquette County, Michigan

The United States Environmental Protection Agency (EPA) collected a sample from your private water supply on November 1, 2011. Attached is a tabulation of the sample analysis results. The EPA sampled your water supply to assess if past activities at the nearby Humboldt Mine and Mill site had affected groundwater and individual water supplies in the area.

~~Except for the detection of Bis(2-ethylhexyl)phthalate, organic chemicals were not found in your water supply samples at concentrations above the laboratory method detection limits. The concentrations of inorganic substances and metals detected in the water supply samples were below established federal and state drinking water standards and health concern levels, and were similar to groundwater quality generally found in Central Marquette County. Organic chemicals were not found in your water supply samples at concentrations above the laboratory method detection limits, with the exception of a minor detection of the chemical, bis(2-ethylhexyl)phthalate. groundwater.~~

Bis(2-ethylhexyl)phthalate is a chemical that is commonly used in the manufacture of plastic products. When found in a water sample, it is usually due of the presence of plastic materials in the well pump or in the sampling equipment, and sampling and analysis artifact and is likely not actually present in the groundwater supplying your water well. Even so, the EPA and the Michigan Department of Environmental Quality (DEQ) would like to re-test your well believe a second sample set is needed to confirm if this chemical is actually a compound is present or not. The EPA will contact you regarding a second access agreement and sample collection date. Analysis of the follow-up samples will also be performed for some inorganic substances not previously researched and for some organic chemicals at a lower laboratory detection limit.

The EPA and the DEQ appreciate your cooperation in these investigations. If you have questions about the sampling efforts, please contact Nuria Muñiz at (312-886-4439). If you have questions about the analysis results, please contact Chuck Thomas, DEQ by phone at 906-346-8534 or by email at thomasc3@michigan.gov.

Sincerely,

Nuria Muñiz

U.S. Environmental Protection Agency
Superfund Division

Region 5, Chicago IL.

Charles H. Thomas, P.G.
Michigan Dept. of Environmental Quality

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Resource Management Division

Upper Peninsula District Office

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Enclosure

cc: Ms. Dana DeBruyn, DEQ
Mr. Steve Harrington, DEQ
Mr. Patrick L. Jacuzzo, Marquette County Health Dept.
Mr. Don Deblasio, EPA
Mr. Mark Johnson, ATSDR

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